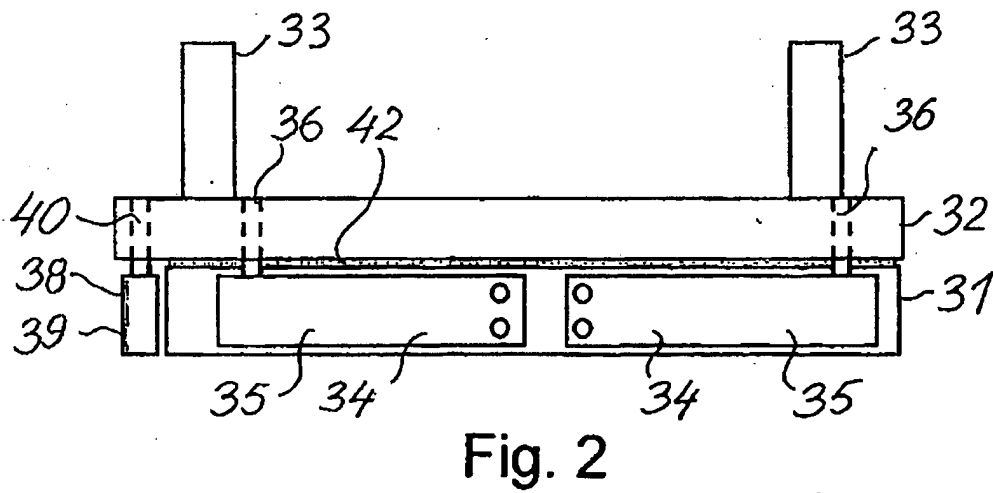
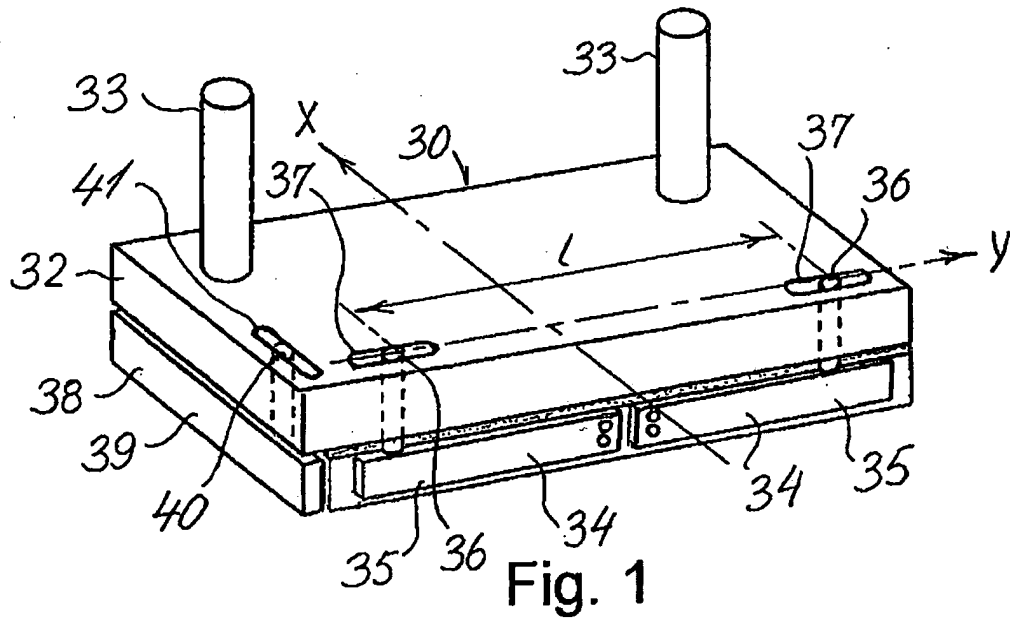
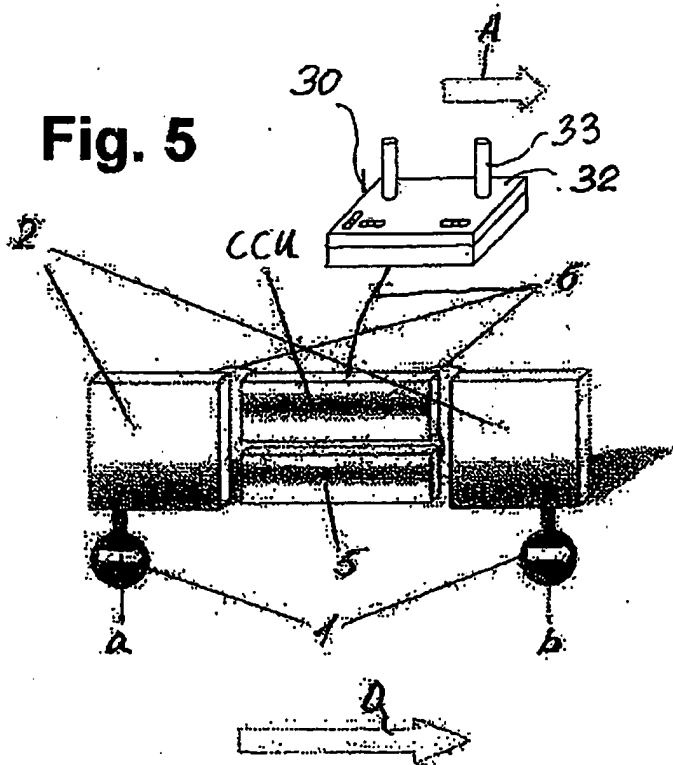
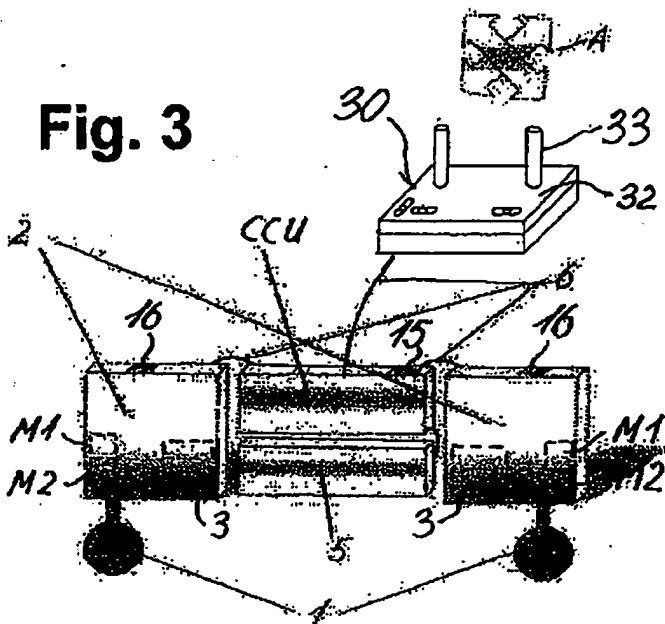


REPLACEMENT SHEET

1/12





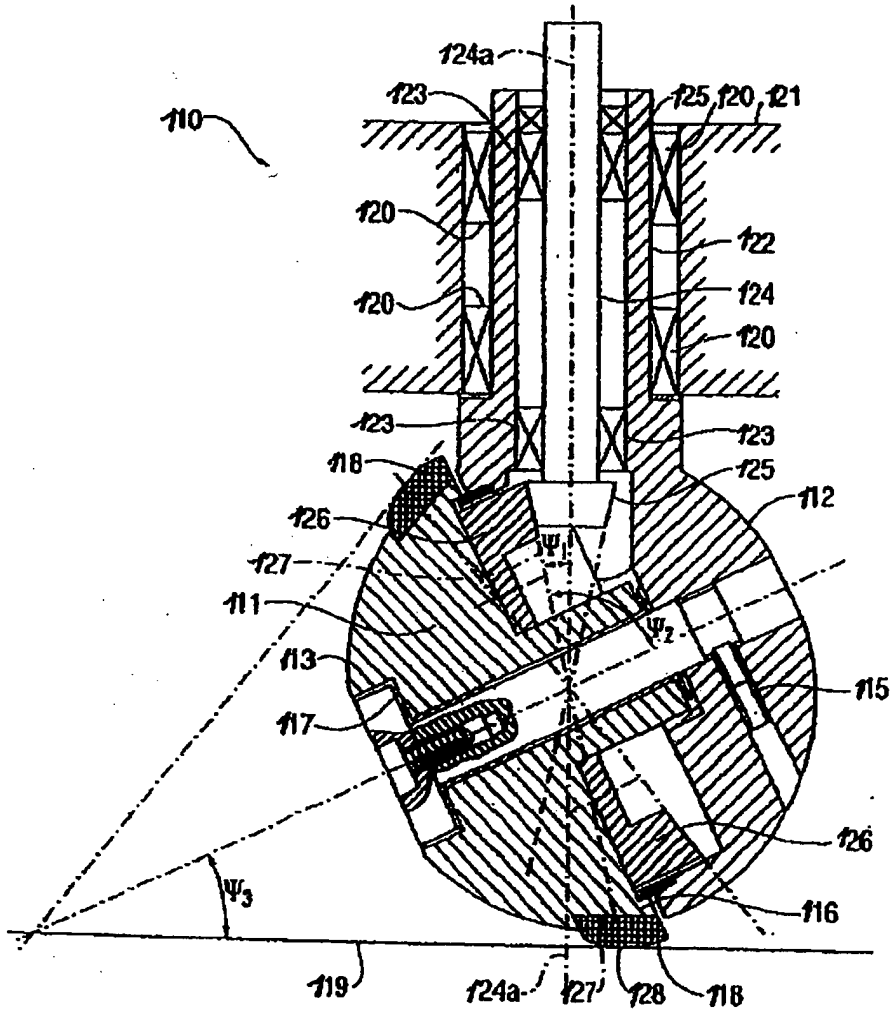


Fig. 4

REPLACEMENT SHEET

4/12

Fig. 6

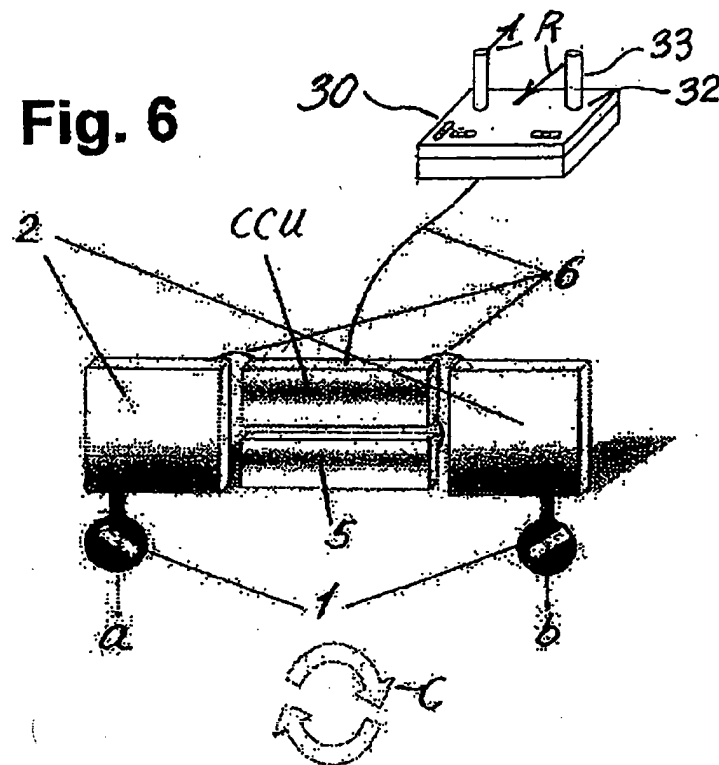
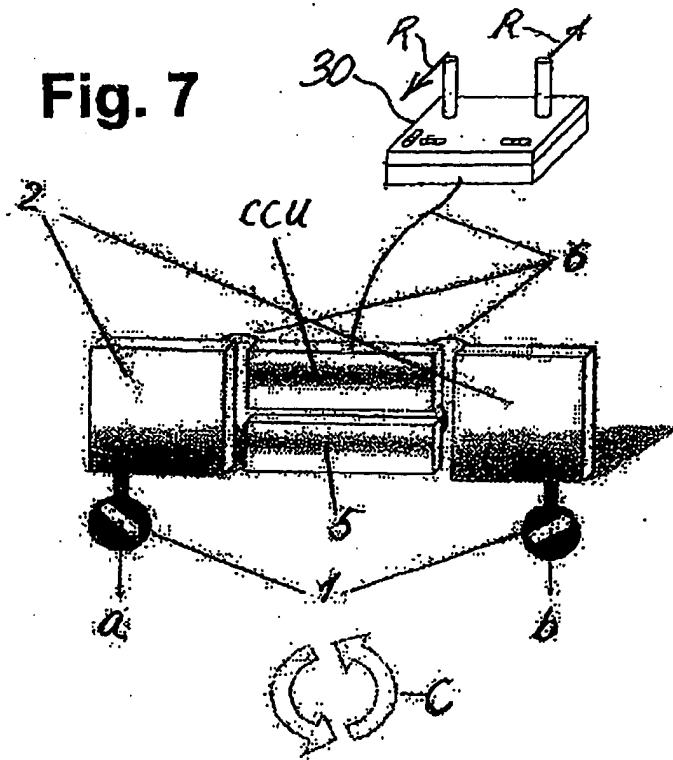


Fig. 7



REPLACEMENT SHEET

5/12

Fig. 8

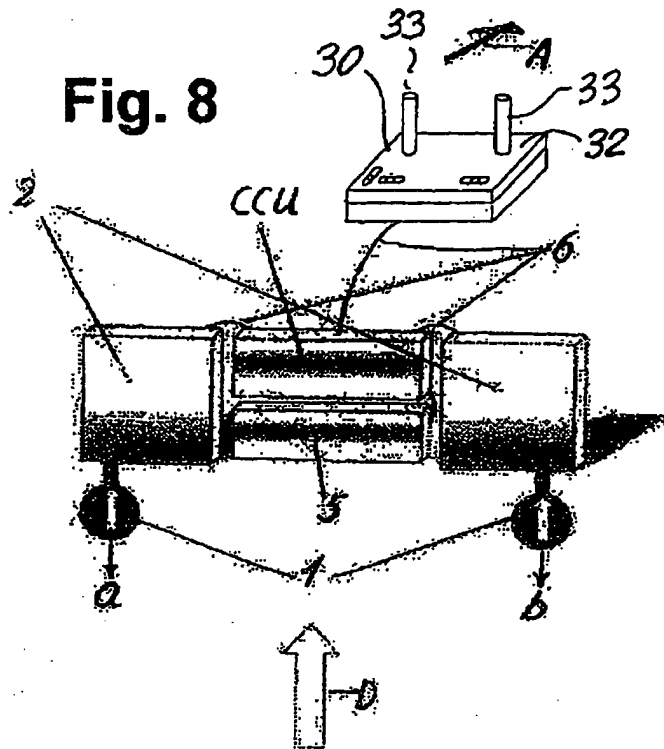
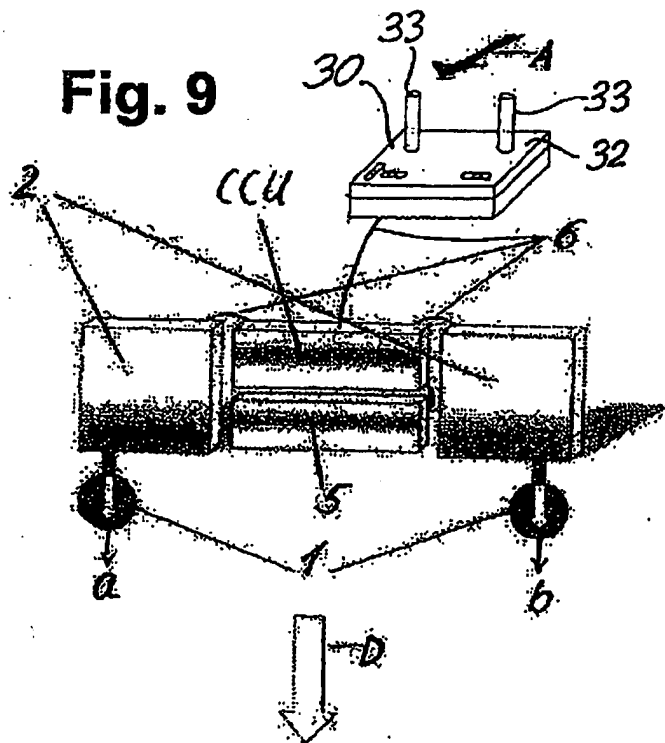


Fig. 9



REPLACEMENT SHEET

6/12

Fig. 10

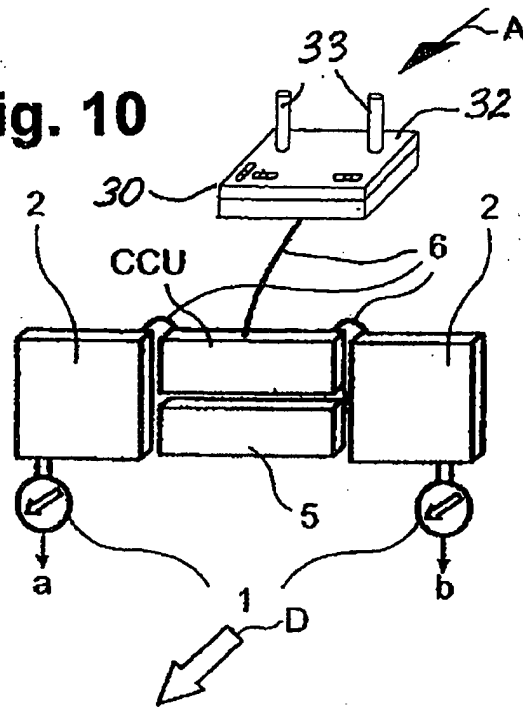
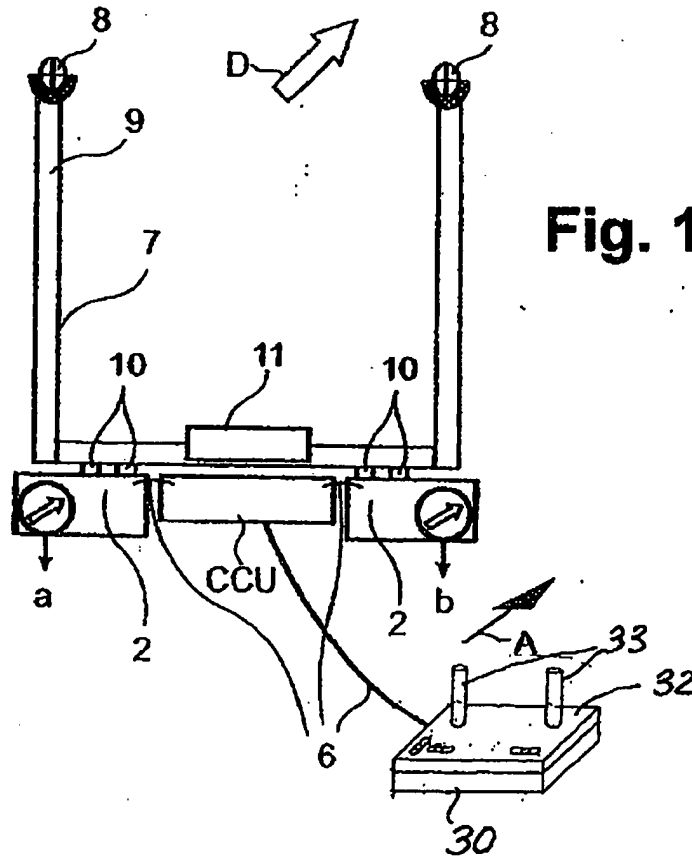


Fig. 11



REPLACEMENT SHEET

7/12

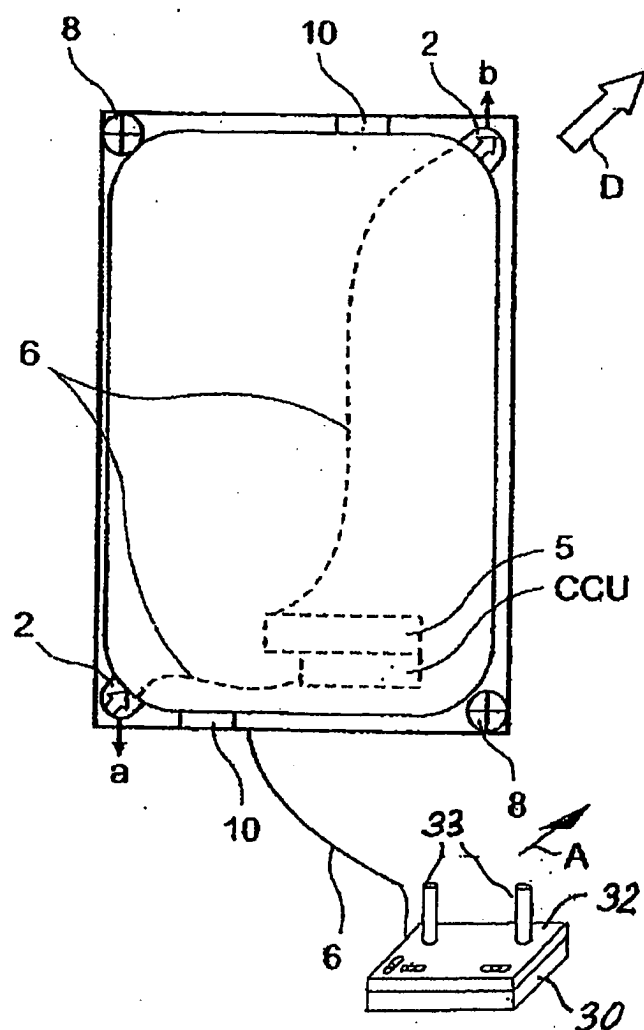
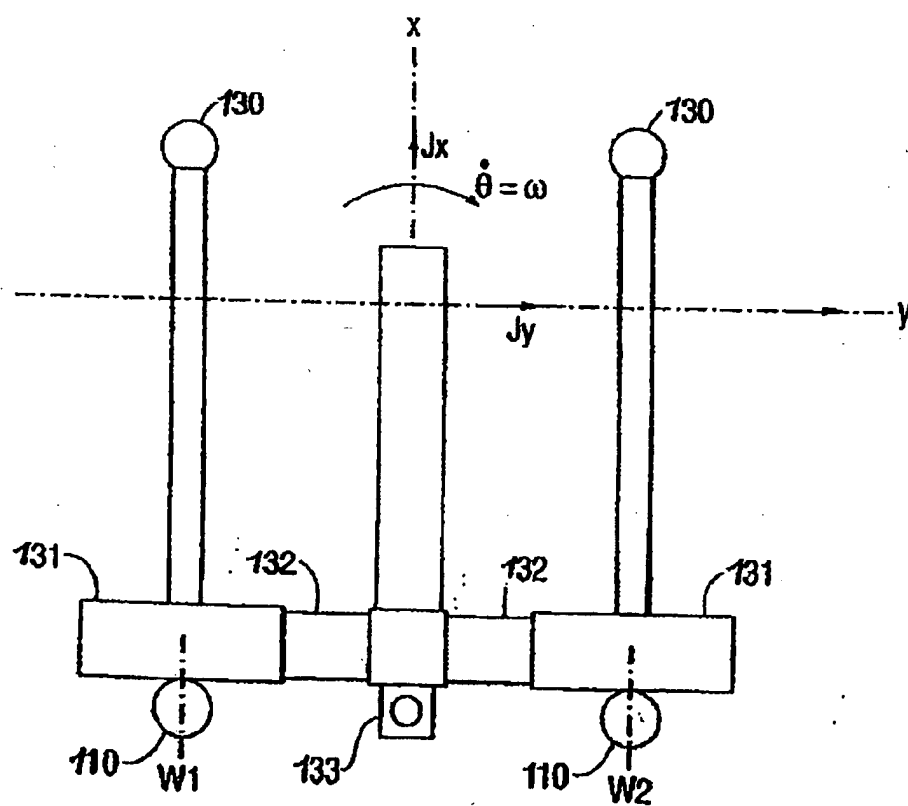


Fig. 12

REPLACEMENT SHEET

8/12

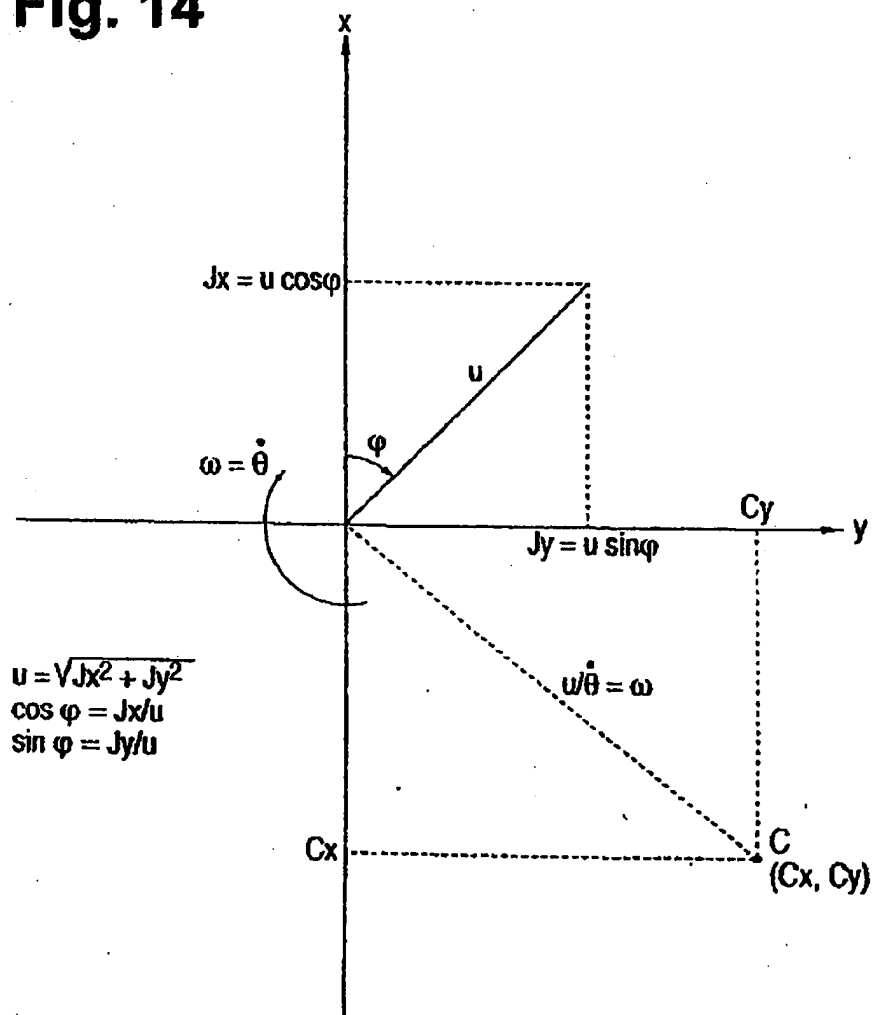
Fig. 13



REPLACEMENT SHEET

9/12

Fig. 14



$$u = \sqrt{Jx^2 + Jy^2}$$

$$\cos \phi = Jx/u$$

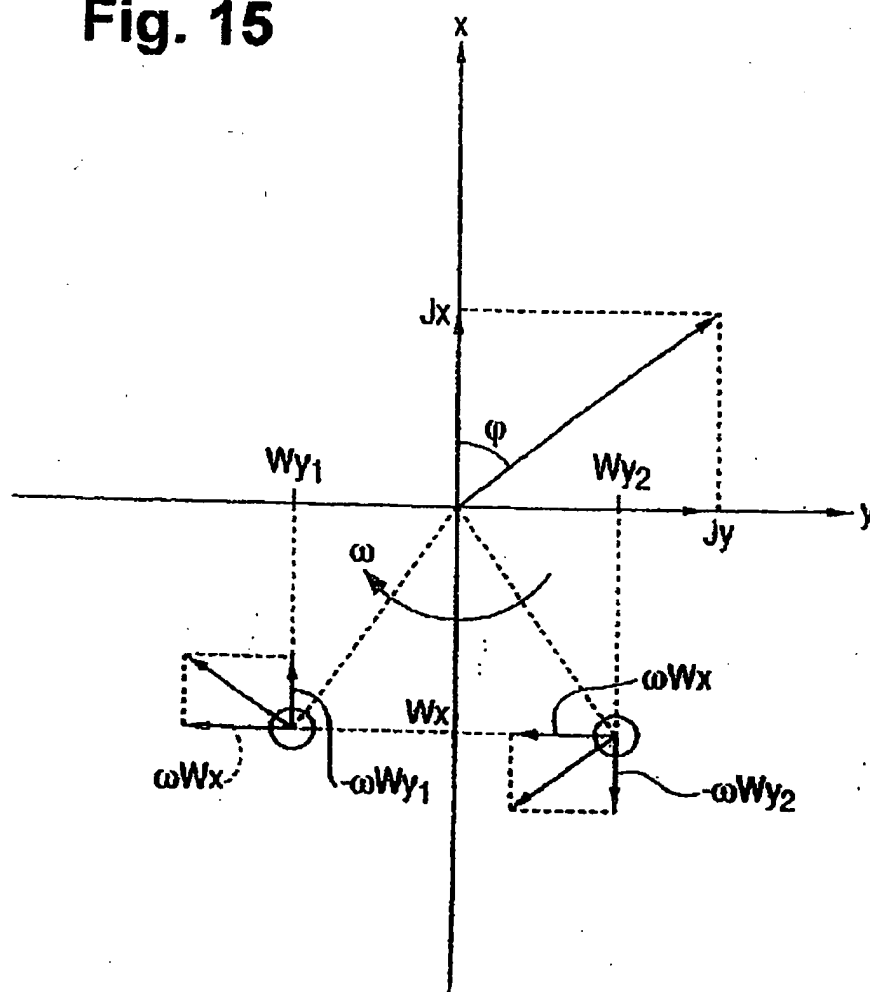
$$\sin \phi = Jy/u$$

$C_x = -\frac{u}{\dot{\theta}} \sin \phi = Jy/\dot{\theta}$ $C_y = \frac{u}{\dot{\theta}} \cos \phi = Jx/\dot{\theta}$	$\left. \begin{array}{l} C_x = -\frac{u}{\dot{\theta}} \sin \phi = Jy/\dot{\theta} \\ C_y = \frac{u}{\dot{\theta}} \cos \phi = Jx/\dot{\theta} \end{array} \right\} \text{CENTRE OF ROTATION}$
--	--

REPLACEMENT SHEET

10/12

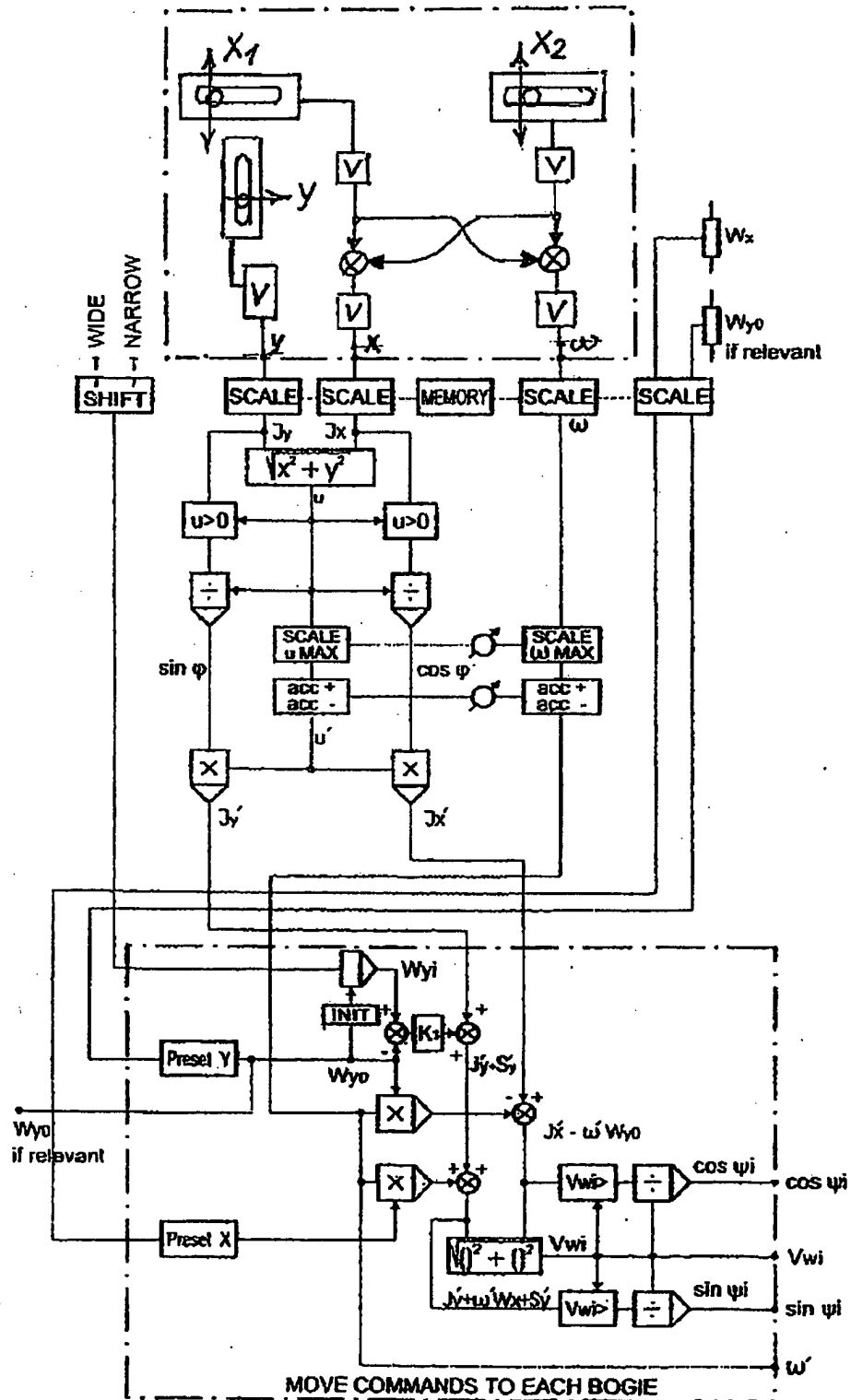
Fig. 15



REPLACEMENT SHEET

11/12

Fig. 16



REPLACEMENT SHEET

12/12

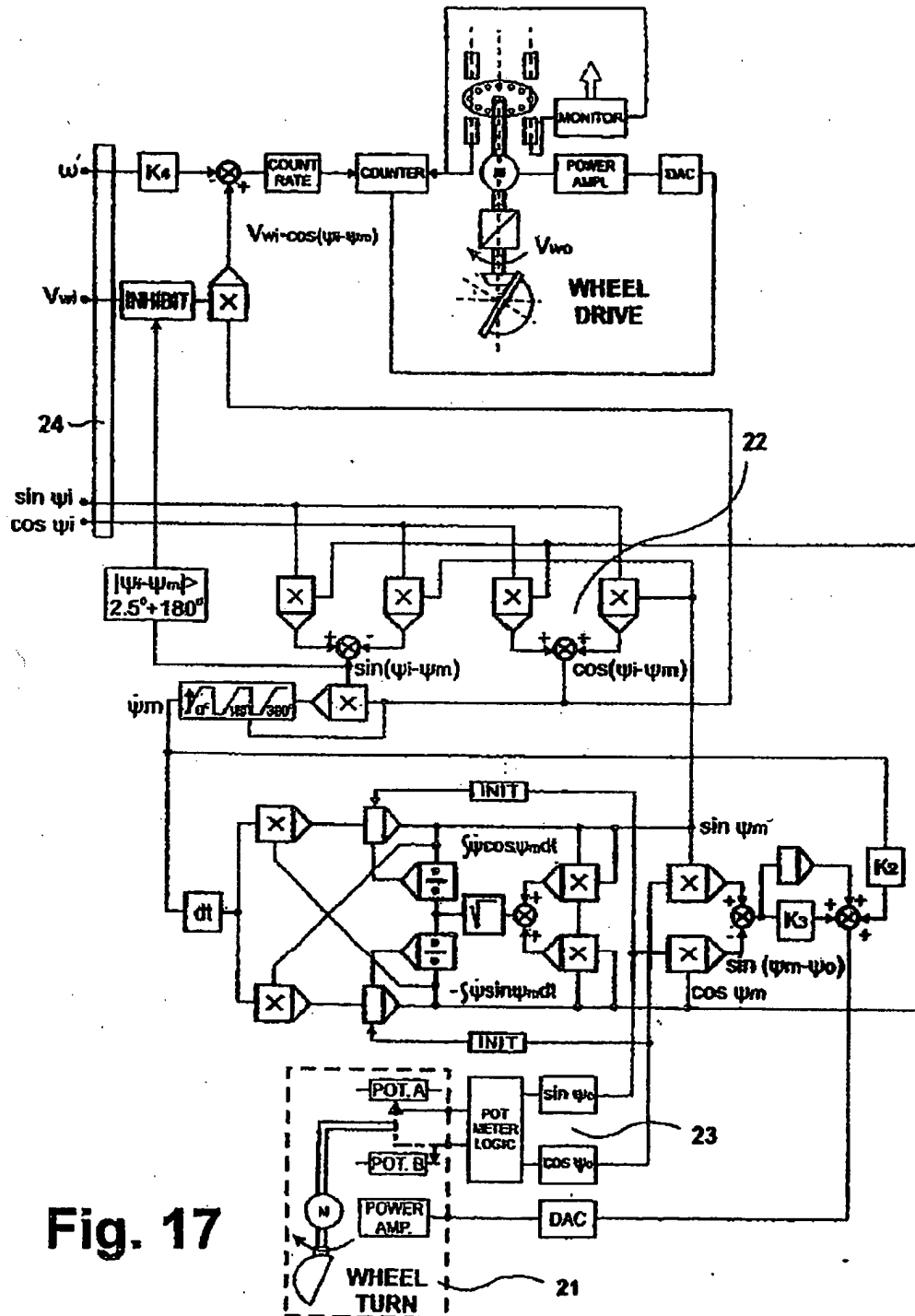


Fig. 17